

【Synvivo Chip 一覧】

- IMN1 Simple linear and bifurcating channels for monoculture work
- IMN2 Idealized microvascular network for co-culture work (w/2D tissue compartment)
- SMN1 Microvascular networks for monoculture work
- SMN2 Microvascular networks for co-culture work (w/2D tissue compartment)

Type	Style	SynVivo Cat #	Design Description
IMN1	LC	101001	3 x 100 μm wide channels, 100 μm depth
		101002	3 x 250 μm wide channels, 100 μm depth
		101003	3 x 500 μm wide channels, 100 μm depth
		101004	100μm + 250 μm + 500 μm wide channels, 100 μm depth
	SBC	101005	30° Sym (15° + 15°) 100 μm parent, 50 μm daughter widths, 100 μm depth
		101006	60° Sym (30° + 30°) 100 μm parent, 50 μm daughter widths, 100 μm depth
		101007	90° Sym (45° + 45°) 100 μm parent, 50 μm daughter widths, 100 μm depth
		101008	120° Sym (60° + 60°) 100 μm parent, 50 μm daughter widths, 100 μm depth
		101009	45° Sym (22.5° + 22.5°) 100μm parent, 50μm daughter widths, 100μm depth
	BC	101039	30° Sym (15° + 15°) 100 μm parent, 80 μm/20 μm daughter widths, 100 μm depth
		101010	60° Sym (30° + 30°) 100 μm parent, 80 μm/20 μm daughter widths, 100 μm depth
		101011	90° Sym (45° + 45°) 100 μm parent, 80 μm/20 μm daughter widths, 100 μm depth
		101012	120° Sym (60° + 60°) 100 μm parent, 80 μm/20 μm daughter widths, 100 μm depth
		101013	30° Sym (15° + 15°) 100 μm parent, 67 μm/33 μm daughter widths, 100 μm depth
		101014	60° Sym (30° + 30°) 100 μm parent, 67 μm/33 μm daughter widths, 100 μm depth
		101015	90° Sym (45° + 45°) 100 μm parent, 67 μm/33 μm daughter widths, 100 μm depth
		101016	120° Sym (60° + 60°) 100 μm parent, 67 μm/33 μm daughter widths, 100 μm depth
	SBC	101017	30° Sym (15° + 15°) 100 μm parent, 50 μm daughter widths, 50 μm depth
		101018	60° Sym (30° + 30°) 100 μm parent, 50 μm daughter widths, 50 μm depth
		101019	90° Sym (45° + 45°) 100 μm parent, 50 μm daughter widths, 50 μm depth
		101020	120° Sym (60° + 60°) 100 μm parent, 50 μm daughter widths, 50 μm depth
	BC	101021	30° Sym (15° + 15°) 100 μm parent, 80 μm/20 μm daughter widths, 50 μm depth
		101022	60° Sym (30° + 30°) 100 μm parent, 80 μm/20 μm daughter widths, 50 μm depth
		101023	90° Sym (45° + 45°) 100 μm parent, 80 μm/20 μm daughter widths, 50 μm depth
		101024	120° Sym (60° + 60°) 100 μm parent, 80 μm/20 μm daughter widths, 50 μm depth
		101025	30° Sym (15° + 15°) 100 μm parent, 67 μm/33 μm daughter widths, 50 μm depth
		101026	60° Sym (30° + 30°) 100 μm parent, 67 μm/33 μm daughter widths, 50 μm depth
		101027	90° Sym (45° + 45°) 100 μm parent, 67 μm/33 μm daughter widths, 50 μm depth
		101028	120° Sym (60° + 60°) 100 μm parent, 67 μm/33 μm daughter widths, 50 μm depth
	ABC	101029	30° Asym (6° + 24°) 100 μm parent, 50 μm/50 μm daughter widths, 100 μm depth
		101030	30° Asym (10° + 20°) 100 μm parent, 50 μm/50 μm daughter widths, 100 μm depth
		101031	90° Asym (15° + 75°) 100 μm parent, 50 μm/50 μm daughter widths, 100 μm depth
		101032	90° Asym (18° + 72°) 100 μm parent, 50 μm/50 μm daughter widths, 100 μm depth
		101033	90° Asym (30° + 60°) 100 μm parent, 50 μm/50 μm daughter widths, 100 μm depth
		101034	30° Asym (6° + 24°) 100 μm parent, 50 μm/50 μm daughter widths, 50 μm depth
		101035	30° Asym (10° + 20°) 100 μm parent, 50 μm/50 μm daughter widths, 50 μm depth
		101036	90° Asym (15° + 75°) 100 μm parent, 50 μm/50 μm daughter widths, 50 μm depth
		101037	90° Asym (18° + 72°) 100 μm parent, 50 μm/50 μm daughter widths, 50 μm depth
101038		90° Asym (30° + 60°) 100 μm parent, 50 μm/50 μm daughter widths, 50 μm depth	
IMN2	SynTumor	102003	100 μm OC, 100 μm slit spacing, 2um wide slit, 100 μ travel, 100 μm depth
		102004	100 μm OC, 100 μm slit spacing, 2 um wide slit, 50 μ travel, 100 μm depth
	SynBBB	102005	200 μm OC, 50 μm slit spacing, 3um wide slit, 50 μ travel, 100 μm depth
		102006	200 μm OC, 50 μm slit spacing, 3um wide slit, 100 μ travel, 100 μm depth
	SynRAM	102007	200um OC, Pillars, 3um Gap, 100um Travel-----3/100 um
		102008	200um OC, Pillars, 8um Gap, 50um Travel-----3/100 um
		102009	200um OC, Pillars, 3um Gap, 50um Travel-----3/100 um
		102010	200um OC, Pillars, 8um Gap, 100um Travel-----3/100 um
		102011	200um OC, Pillars, 3um Gap, 100um Travel-----8/100 um
		102012	200um OC, Pillars, 8um Gap, 50um Travel-----8/100 um
		102013	200um OC, 25um slit spacing, 3um wide slits, 100um travel, 100um depth
	102014	200um OC, 25um slit spacing, 3um wide slits, 50um travel, 100um depth	
	Z/SynBBB	102015	200 μm OC, 50 μm slit spacing, 3um wide slit, 50 μ travel, 100 μm depth, w/impedence capability
SynTOX	102016	200 μm OC, 50 μm slit spacing, 2um wide slit, 50 μ travel, 100 μm depth	
	102017	200 μm OC, 50 μm slit spacing, 2um wide slit, 100 μ travel, 100 μm depth	
SMN1	C001	104001	Network 001, 100 μm depth
	D001	104002	Network 002, 100 μm depth
	C002	104003	Network 003, 100 μm depth
	D002	104004	Network 004, 100 μm depth
	C003	104005	Network 005, 100 μm depth
	D003	104006	Network 006, 100 μm depth
	C004	104007	Network 007, 100 μm depth
	D004	104008	Network 008, 100 μm depth
	C005	104009	Network 009, 100 μm depth
	D005	104010	Network 010, 100 μm depth
	C006	104011	Network 011, 100 μm depth
	D006	104012	Network 012, 100 μm depth
	C007	104013	Network 013, 100 μm depth
	D007	104014	Network 014, 100 μm depth

SMN2	C001/SynRAM	105001	3 um Height Barrier: 10um Dia-50um Separation, 100 um Depth
	D001	105002	3 um Height Barrier: 10um Dia-50um Separation, 100 um Depth
	C001	105003	3 um Height Barrier: 20um Dia-3um Separation, 100 um Depth
	D001	105004	3 um Height Barrier: 20um Dia-3um Separation, 100 um Depth
	C001	105005	2 um Height Barrier: 10um Dia-50um Separation, 100 um Depth
	D001	105006	2 um Height Barrier: 10um Dia-50um Separation, 100 um Depth
	C001/SynTumor	105007	2 um Height Barrier: 20um Dia-3um Separation, 100 um Depth
	D001	105008	2 um Height Barrier: 20um Dia-3um Separation, 100 um Depth
	C001	105009	3 um Height Barrier: Clear Barrier, 100 um Depth
	D001	105010	3 um Height Barrier: Clear Barrier, 100 um Depth
	C002	105011	8 um Height Barrier: 20um Dia-30um Separation, 100 um Height (3 chamber)
	D002	105012	8 um Height Barrier: 20um Dia-30um Separation, 100 um Height
	D003	105013	8 um Height Barrier: 20um Dia-30um Separation, 100 um Height
	D005	105014	8 um Height Barrier: 20um Dia-30um Separation, 100 um Height
	C002/SynTumor	105015	8 um Height Barrier: 20um Dia-30um Separation, 100 um Height (1 chamber)

【Synvivo Kit 一覧】

Type	Style	SynVivo Cat #	Design Description
SynRAM	Assay	401001	SynRAM 3D Inflammation Model Assay Kit (idealized network), Based on 102008 chip
	Starter	401002	SynRAM 3D Inflammation Model Starter Kit (idealized network), Based on 102008 chip
	Assay	401003	SynRAM 3D Inflammation Model Assay Kit (microvascular network), Based on 105001 chip
	Starter	401004	SynRAM 3D Inflammation Model Starter Kit (microvascular network), Based on 105001 chip
SynBBB	Assay	402001	SynBBB 3D Blood Brain Barrier Model Assay Kit (basic configuration), Based on 102005 chip
	Starter	402002	SynBBB 3D Blood Brain Barrier Model Starter Kit (basic configuration), Based on 102005 chip
	Assay	402003	SynBBB 3D Blood Brain Barrier Model Assay Kit (TEER configuration), Based on 102015 chip
	Starter	402004	SynBBB 3D Blood Brain Barrier Model Starter Kit (TEER configuration), Based on 102015 chip
SynTumor	Assay	403001	SynTumor 3D Cancer Model Assay Kit (idealized network, 2um pores), Based on 102004 chip
	Starter	403002	SynTumor 3D Cancer Model Starter Kit (idealized network, 2um pores), Based on 102004 chip
	Assay	403003	SynTumor 3D Cancer Model Assay Kit (microvascular network, 2um pores), Based on 105007 chip
	Starter	403004	SynTumor 3D Cancer Model Starter Kit (microvascular network, 2um pores), Based on 105007 chip
	Assay	403005	SynTumor 3D Cancer Model Assay Kit (idealized network, 8um pores), Based on 102012 chip
	Starter	403006	SynTumor 3D Cancer Model Starter Kit (idealized network, 8um pores), Based on 102012 chip
	Assay	403007	SynTumor 3D Cancer Model Assay Kit (microvascular network, 8um pores), Based on 105015 chip
	Starter	403008	SynTumor 3D Cancer Model Starter Kit (microvascular network, 8um pores), Based on 105015 chip
SynTox	Assay	404001	SynTox 3D Toxicology Model Assay Kit, Based on 102016 chip
	Starter	404002	SynTox 3D Toxicology Model Starter Kit, Based on 102016 chip

Assay 10 chips, 100ft tubing, 25 slide clamps, 50 blunt tip needles, 50 1ml syringes
Starter 10 chips, 100ft tubing, 25 slide clamps, 50 blunt tip needles, 50 1ml syringes, pneumatic priming device